0	For receiving Office use only		
0-1	International Application No.		
0-2	International Filing Date		
0-3	Name of receiving Office and "PCT International Application"		
		1	
0-4	Form PCT/RO/101 PCT Request		
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.173)	
0-5	Petition		
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty		
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)	
0-7	Applicant's or agent's file reference	50509985	
ī	Title of Invention	SURFACE EMITTING LASER LIGHT SOURCE USING TWO-DIMENSIONAL PHOTONIC CRYSTAL	
II	Applicant		
11-1	This person is	applicant only	
11-2	Applicant for	all designated States except US	
11-4	Name	KYOTO UNIVERSITY	
II-5	Address	36-1, Yoshida-honmachi, Sakyo-ku, Kyoto- shi, Kyoto 6068501 Japan	
11-6	State of nationality	JP	
II- <b>7</b>	State of residence	JP	
D-11	Applicant's registration No. with the Office	504132272	

Ü

# **PCT REQUEST**

III-1	Applicant and/or inventor		
III-1-1	This person is	applicant only	
III-1-2	Applicant for	all designated States except US	
III-1 <b>-4</b>	Name	ROHM CO., LTD.	
III-1-5	Address	21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto- shi, Kyoto 6158585 Japan	
III-1-6	State of nationality	JP	
III-1-7	State of residence	JP	
III-1-11	Applicant's registration No. with the Office	000116024	
III-2	Applicant and/or inventor		
III-2-1	This person is	applicant and inventor	
111-2-2	Applicant for	US only	
III-2-4	Name (LAST, First)	NODA, Susumu	
III-2-5	Address	c/o Graduate School of Engineering, Kyoto University, Kyotodaigaku Katsura, Nishikyo-ku, Kyoto-shi, Kyoto 6158530 Japan	
III-2-6	State of nationality	JP	
III-2-7	State of residence	JP	
III-3	Applicant and/or inventor		
111-3-1	This person is	applicant and inventor	
III-3-2	Applicant for	US only	
III-3-4	Name (LAST, First)	MIYAI, Eiji	
III-3-5	Address	c/o Graduate School of Engineering, Kyoto University, Kyotodaigaku Katsura, Nishikyo-ku, Kyoto-shi, Kyoto 6158530 Japan	
III-3-6	State of nationality	JP	
111-3-7	State of residence	JP	

III-4	Applicant and/or inventor			
III-4-1	This person is	applicant and inventor		
111-4-2	Applicant for	US only		
111-4-4	Name (LAST, First)	ONISHI, Dai		
III-4-5	Address	c/o ROHM CO., LTD., 21, Saiin Mizosaki- cho, Ukyo-ku, Kyoto-shi, Kyoto 6158585 Japan		
III-4-6	State of nationality	JP		
111-4-7	State of residence	JP		
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent		
IV-1-1	Name (LAST, First)	KOBAYASI, Ryohei		
IV-1-2	Address	KOBAYASI PATENT & TRADEMARK, 7th Floor, Hougen-Sizyokarasuma Building, 37, Motoakuozi-tyo, Higasinotouin Sizyosagaru, Simogyo-ku, Kyoto-si, Kyoto 6008091 Japan		
IV-1-3	Telephone No.	075-351-6121		
IV-1-4	Facsimile No.	075-351-6122		
IV-1-5	e-mail	kyopat@kyopat.jp		
IV-1-6	Agent's registration No.	100095670		
v	DESIGNATIONS			
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.			
VI-1	Priority claim of earlier national application			
VI-1-1	Filing date	05 March 2004 (05.03.2004)		
VI-1-2	Number	2004-063110		
VI-1-3	Country	JP		
VI-2	Priority document request			
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	vi-1		

VII-1	International Searching Authority Chosen	Japan Patent Office	(ISA/JP)
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	_	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
X	Check list	number of sheets	electronic file(s) attached
K-1	Request (including declaration sheets)	5	
X-2	Description	12	_
X-3	Claims	1	_
X-4	Abstract	1	1
<b>K</b> -5	Drawings	6	-
X-7	TOTAL	25	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
K-8	Fee calculation sheet	✓	_
<b>&lt;-17</b>	PCT-SAFE physical media	-	<b>✓</b>
X-19	Figure of the drawings which should accompany the abstract	3	<u> </u>
X-20	Language of filing of the international application	Japanese	
(-1	Signature of applicant, agent or common representative		
<b>(-1-1</b>	Name (LAST, First)		
(-1-2	Name of signatory		
(-1-3	Capacity		

## Paper Copy (NOT for submission)

# FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	· · · · · · · · · · · · · · · · · · ·
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	
	FOR INTE	ERNATIONAL BUREAU USE ONLY
11-1	Date of receipt of the record copy by the International Bureau	